EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427021

First & Final Bill

Serial No. .....
Name of Work ..... Improvements to Roads, drains and other works at Ganesh From ..... To .....
Name of Contractor of nature of Agency ..... layout area in Ward-11 (Kukkempudinagara)
Date of commencement of work .....

Details	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Work code no :-	011 — 18 — 000030					
	Work order no :-	EE/BTP/BBTP/KRIDL/WO/137/2017-18 dt 26.3.2018					
	Estimated cost :-	Rs 28.70 Lakhs					
	A/S no & date :-	AS/EE/BTP/77/17-18 dt 14.12.2017					
	T/S no & Date :-	TS/CE/(YNK)/603/17-18 dt 2.2.2018					
	H/A :-	P1878					
1)	Excavation for Road, drains and similar WORKS by manual Mean in ordinary soil involving an average horizontal throw upto 2 metre and an average lift upto 0.5m excavated surface levelled & sides neatly dressed the disposal earth to be levelled neatly after breaking of clods Complete as per specification						
	Formay as recorded	vide page 427090 of this MB					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty 282.02 Cum @ Rs 199.36/Cum					Rs-56223/-	
2)	providing & laying in position plain cement concrete of mix 1:4:8 with type cement @ 180 kgs with 40 mm and down size graded granite metal coarse aggregate @ 0.85 Cum and fine aggregate @ 0.5 Cum machine mixed concrete laid in layers not exceeding 15 Cm thick well compacted in foundation including cost of all materials labour Hire & Machine curing complete as per specification						
	Qty 52.17 Cum @ Rs 5159.02/Cum					Rs-269146/-	
3)	providing & constructing granite/trap/basalt size stone masonry in backed with cement mortar 1:6 Edges of stone chisel dressed in courses not less than 15 Cm high bond stone at two in appox in each course including cost of all materials labour curing complete	2	95.0	0.60	0.90	102.60 Cum	
	@ Rs 5305.30/Cum					Rs-544324/-	

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Serial No .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
1)	providing flush pointing to Masonry with cement mortar 1:2 neatly lining including cost	
	2	
2)	providing & laying in position Concrete of mix 1:2:4 with Ce granite metal coarse aggreg cement laid in layers not ex plinth & cills including cost	
	SSH wall Coping	1

IENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
9.36/Cm				Rs- 56223/-
Cement Concrete of mix 1:4:8 with type				
down size graded granite metal coarse				
gate @ 0.5 Cm machine mixed Concrete				
5 Cm thick well compacted on foundation				
labour Hom of machine Curing Complete				
this MB page no. 427091				
				Rs- 269146/-
0.02/m				
trap/basalt size stone masonry in				
edges of stone chisel dressed in				
with bond stone at two m apart				
all materials labour Curing complete				
95.0	0.60	0.90	102.60 Cm	
05.30/Cm				Rs- 54324/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427022

Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work ..... From..... To.....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
providing flush pointing to Square Rubble, Course or uncoursed stone Masonry with Cement mortar 1:3 20mm deep after raking joints to depth of 20mm neatly lining including cost of materials, labour, Curing Complete.						
	2	95.0	0.90		171.0 Sqm	
@ Rs 102.82/sqm					Rs - 17582/-	
providing & laying in position Plain Cement Concrete of mix 1:2:4 with Cement @ 240 Kgs with 20 mm & down size graded granite metal coarse aggregate @ 0.69 Cm & fine aggregate @ 0.459 Cm machine mixed Concrete laid in layers not Exceeding 15 Cm thick well compacted in foundation plinth & Cills including cost of all materials labour Hom of machine Curing Complete						
SSH wall Coping Slab	1	95.0	1.80	0.10	17.10	Cm

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Solid block drain Vent concrete 1/5 & 1/5	2	61.0	0.45	0.10	5.49	Cum
		2	53.0	0.45	0.10	4.77	"
		2	50.0	0.45	0.10	4.50	"
		2	57.0	0.45	0.10	5.13	"
	Bed concrete (coking) 1/5 + 1/5	2x2	61.0	0.20	0.10	4.88	"
		2x2	53.0	0.20	0.10	4.24	"
		2x2	50.0	0.20	0.10	4.0	"
		2x2	57.0	0.20	0.10	4.56	"
					Total Qty	54.67	Cum
	Qty upto 125 f. 21.38 Cum @ Rs 5767.46/Cum					Rs - 123279/-	
	Qty beyond 125 f. 33.30 Cum @ Rs 5767.46/Cum					Rs - 192028/-	
	Limit 54.68 Cum						192056

AEE (VRP) SD

123250

123279

192028

21.37

21.38

21.38

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Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

	Full description, etc, of work 2	Numb 3
6)	providing & laying Cement Co	
7)	providing & removing Contra	
8)	providing TMT Steel re	
9)	providing precast slab of Cum transportation loadi direction & Engineer in cha	
	Drain Covering slab	203 177 167

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	109.80	
1	2	3	4	5	6	7	8
		190	0.60	0.90		102.60 Sqm	
		158	0.60	1.50		142.50 "	
						540.30 Sqm	
						@ Rs 1760.00/Sqm	
						Rs - 950928/-	
	Extra Item						
E1)	Removing & refixing stone slab of drain and pointing in CM (1:3) Rajaram layout main rd	7	15.0	1.35		40.50 Sqm	
		2	18.0	1.35		48.60 "	
		2	20.0	1.35		54.00 "	
		2	25.0	1.35		67.50 "	
						210.60 Sqm	
						@ Rs 80.56/Sqm	
						Rs - 16966/-	
E2)	providing & Constructing load bearing wall with sqlp block size						

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Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Number
2	3
400 x 200 x 200 mm having	
minimum average compressi	
(part) 2005 and conventional	
all material, labour charges	
Gyanagha layout 2nd cross	2 x 2
3rd C/s	2 x 2
	2 x 2
	2 x 2
@ Rs	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	109.80 7	8
60	0.90		102.60 Sqm	
60	1.50		142.50 "	
			540.30 Sqm	
060.0 /Sq			Rs - 50928/-	
f drain and pointing in CM				
0.0	1.35		40.50 Sqm	
8.0	1.35		48.60 "	
0.0	1.35		54.00 "	
5.0	1.35		67.50 "	
			210.60 Sqm	
80.50/Sq			Rs - 16966/-	
earing wall with SW/P block size				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427024

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
400 x 200 x 200 mm hollow dense concrete block having density not less than 1800 kg/m³ & having minimum average compressive strength 4.0 N/mm² Conforming to IS 2185 (part) 2005 and constructed with 1:4 cm mortar as per 2572-2005 including cost of all materials, labour charges, scaffolding, curing complete.						
Ganesha layout 2nd cross	2	2	61.0	0.40	97.60 Sqm	
3rd c/s	2	2	53.0	0.40	84.80 "	
4th c/s	2	2	50.0	0.40	80.0 "	
5th c/s	2	2	57.0	0.40	91.20 "	
					353.60 Sqm	
	@ Rs	993.22/Sqm			Rs - 351203/-	
					Total Rs -	25'21679/-

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

11/08

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	KRIDL charges 10% Labour cess 1%.						252168/- 25217/-
							Total Rs - 2799064/-
	(Rupees twenty seven lakhs, ninety nine thousand sixty four only) Certificate :- Certified that the above work done satisfactorily & no material issued to agency by department. 25/1/19						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
L Yo/. charges				25217
ous cess @ 1-/.				
			Grand Total	2,799064

(Rupees ninety nine thousand sixty four only)
above said work done satisfactory
to agency by departmental

M. A. R. 57 (Rule 116)
Measurement Book

No. B
427026

From..... To.....

of Work .....

of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
					Total Rs	27.99,064-00
Gross Value Rs 27.99,064-00					IT -	55981-00
Add/Less: If any: Rs 3,38,010-00					Cess -	27991-00
Net Payable Amount Rs 24,61,054-00					CBF -	2799-00
Rupees Twenty four Lakhs Sixty one thousand fifty four Only.					LR -	52902-00
					FSD -	139953-00
					CGST -	24992-00
					SGST -	24992-00
					Fine -	8400-00
					Add/L:	338010-00
					Cheque:	24,61,054-00

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11/02